

1 March 2019

To Parents and Guardians of pupils in the Senior School

Dear All

### **Careers News Weekly – No 17 – 25 February 2019**

Welcome back and I do hope you had a fabulous half term break?

#### **Firefly Careers**

Please can I remind you that you and your parents/guardians can find regularly updated information about events, jobs, university, degree apprenticeships, work experience and much more on the Careers pages of Firefly. These are invaluable resources for you to use and I would encourage you to view them regularly.

Here is this week's careers newsletter for your enjoyment. You will be able to find this on the Careers pages of Firefly as well as on the University and Careers pages of the School website.

#### **Careers Programme**

Attached is a copy of the updated careers programme at Caterham School, for your information. A copy of this is also accessible on the Caterham School website.

#### **Internal events**

### **March 2019**

#### **The National Apprenticeship Show – Wednesday 6 March – 9.30am- 2pm**

All places are now filled for this event. Final details will be sent home on Friday to all students taking part.

#### **Careers Evening – Monday 18 March – 7pm**

##### **Careers using Languages**

Open to parents and pupils across the senior school.

In what promises to be a fantastic evening, the Career Department are delighted to welcome a superb array of speakers who will be talking about how languages have played a role in their careers. We will hear from a city commodity trader, a management consultant, a diplomat, the Foreign and Commonwealth Office, media and advertising, as well as a former city financier, interior designer and now handbag designer! Some of our speakers studied languages at university whilst some had to learn a language because their subsequent jobs required them to do so.

The evening is not just about why languages can be some important but how even the basic knowledge of a language can help you understand culture and society. We live in a very diverse global economy where it is vital that you are able to call on these skills and abilities to further your career and, in the case of one of our speakers, save your job from redundancy!

A letter will be sent to your parents this coming Friday so please do ask them to sign up on Wisepay. Please feel free to bring along any friends from other schools that might be interested.

## **May 2019**

### **University Fair 2019**

Taking place on Thursday 23 May between 3-7pm, the third Caterham School University Fair will feature stands from over thirty five universities as well as a comprehensive programme of talks. Please put the date in your diary. Open to all year's groups and their parents. Details will be circulated nearer the time.

## **July 2019**

### **UCAT, BMAT and LNAT Admissions test training**

Following on from a very successful UCAT training day last summer, the careers department are investigating the opportunities to add similar sessions to this year's programme for UCAT (Medicine), BMAT (Medicine) and LNAT (Law). More details to follow.

### **External events**

#### **Law Apprenticeship Seminar – 5 March 2019**

The Law Society are hosting a [Law Apprenticeships](#) afternoon on Tuesday 5 March. The event is free to attend and would be suitable for any student looking to take the legal degree apprenticeship route.

#### **Study in Australia and New Zealand University Fair**

[Study Options](#) are holding their next university fair in London on 23 March, please click [Fair](#) for more information and to book.

### **Useful websites**

[Full Fact](#) is the UK's independent fact checking charity and was set up by Old Cat Will Moy. If you are considering Politics, International Relations or similar degrees then this is a great website to keep a track of!

### **Medical Work Experience**

[Medical Projects](#) still have work experience availability for this Easter and during the summer. This is suitable for Year 12 and above.

### **Newspaper articles**

[The Guardian](#) published an interesting article about employability skills required by graduate employers, just before half term. Click the link to read and see what you think?

### **Job and Volunteering vacancies**

#### **Downsend Gap Assistants**

Downsend School in Leatherhead are seeking to recruit two post A level students for gap year roles, starting this September. Please follow this [link](#) to see the details and for the application.

#### **Knights Garden Centre – Woldingham**

Knights Garden Centre in Woldingham are advertising for two part time [weekend roles](#) in their coffee shop.

## **Orpheus**

The Orpheus Trust in Godstone are always looking for volunteers for a wide variety of roles. Have a look at their [website](#) for more information.

## **Competitions**

### **Dukes Education Essay Competition**

The Dukes Education Essay Prize is a nationwide scheme that encourages academic exploration, creativity, and lateral thinking in students in Yrs 11-12. Inspired by the famous past entrance exam for fellows at All Souls College, Oxford, students write an essay in response to a one-word title. The Prize rewards creativity, lateral approaches, and engagement with a subject beyond the curriculum. It is the perfect opportunity to get a taste of university-style work assignments, and a prize is a great achievement to discuss on a personal statement. The seven titles for 2019 are **Nation - Guilt - Security - Infinity - Energy - Gender - Icon**. Please see [Essay Prize](#) for more information and how to enter.

### **Work experience – Astrophysics – University of Manchester**

We offer work experience for Year 12 students aged 16 or over at the Jodrell Bank Centre for Astrophysics work experience week.

We receive a lot of demand for these opportunities; application information is detailed below.

Jodrell Bank Centre for Astrophysics work experience week

The Jodrell Bank Centre for Astrophysics (JBCA) is the astronomical research centre of The University of Manchester and is one of the largest astrophysics groups in the country. The research interests of the JBCA span almost every area of astrophysics, from the Sun to the Big Bang and we are one of the world's most important centres for the technical development of radio telescopes and instrumentation. The JBCA is also responsible for the operation of the eMERLIN and VLBI national facilities and the Lovell Telescope; the operations centre for these facilities is at Jodrell Bank Observatory in Cheshire. The Observatory will also be the site of the new international project office for the Square Kilometre Array telescope.

We are occasionally able to take on Year 12/A-level students for a week-long work experience programme, where up to 12 placement students spend the week working as a team across a range of short astrophysics projects and experiments at our main research centre in the Alan Turing Building in The University of Manchester campus. The group ends the week by giving a seminar on their work to JBCA staff and PhD students. Past research topics have included the moons of Jupiter, dark matter simulations, estimating the age of a globular cluster and spectroscopy of planetary nebulae. It's not expected that you would have any knowledge of the research topic, but they all involve working with real data as an astrophysicist would - so using maths and computing to study some aspect of the Universe.

The work experience week is held in early July. Dates are announced on this page approximately three to four months in advance. (Note that in previous years we've had two annual sessions, but we're unfortunately not able to host a week in January 2019).

Eligibility for the work experience programme:

- You must be aged 16-18, or you will be 16 by the beginning of the week you're applying for
- You should be in Year 12 (first year of A-level) or equivalent
- You must be studying both physics and maths
- You have to be available for the whole week. Each day will run roughly 10am - 4pm
- If accepted, you'll need permission from your school and a parent or guardian
- This is not a residential placement, and most attendees either live locally or can stay with local relatives. You can apply regardless of where you live, but you'll have to arrange and pay for your

own transport and/or accommodation - we can't reimburse these costs, and please note that there will only be staff supervision 10am - 4pm while you're on campus

Note that this placement is based on the University's main Oxford Road campus, not at the Jodrell Bank Observatory in Cheshire. We regret that we're unable to consider applications from students in earlier years, or from students who will complete their A-level courses this year. We also can't offer placements or work shadowing on alternative dates.

Sign up for email updates on the July 2019 dates by **filling in this form**.

If you have any questions that aren't covered above, you can contact [emma.nichols@manchester.ac.uk](mailto:emma.nichols@manchester.ac.uk).

Happy reading!

**Mrs Clare Brown**  
**Head of Careers**  
**Assistant Head of Sixth Form**  
**Sixth Form Tutor**